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SEP 23 2004

AMENDMENTS

In the Claims

Claims 1-15, 22, and 33-36 are allowed.

Please cancel claims 23-32 without prejudice.

No claims have been amended.

Claims 1-15, 22, and 33-36 are pending and are listed following:

1. (previously presented) A method for serving remote procedure calls from an applet which executes within an applet viewer which in turn executes in a computer system that is serving said remote procedure calls, the method comprising:

receiving from the applet which executes in the same computer system that serves said remote procedure calls, a request for a document according to a document retrieval protocol implemented on a computer network;

determining that the request specifies a function which is defined within a computer process executing independently of the applet and applet viewer and which includes one or more computer instructions, execution of which performs a task which is unrelated to both generation and retrieval of any document specified in the request; and

executing the function in the same computer system that is executing said applet and applet viewer to thereby cause execution of the one or more computer instructions in response to receipt of the request.

1 2. (original) The method of Claim 1 wherein the step of
2 determining comprises:

3 determining that the request includes a document specification which is in a
4 portion of a name space reserved for function requests.

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6 3. (previously presented) The method of Claim 1 further
7 comprising:

8 returning to the applet result data produced by execution of the function.

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10 4. (previously presented) The method of Claim 3 wherein the step
11 of returning comprises:

12 forming a document which includes the data; and

13 sending the document to the applet.

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15 5. (original) The method of Claim 1 wherein the document retrieval
16 protocol is HTTP.

1 **6. (previously presented)** A computer readable medium useful in
 2 association with a computer system which includes a processor and a memory, the
 3 computer readable medium including computer instructions which are configured
 4 to cause the computer to serve remote procedure calls from an applet, which
 5 executes within an applet viewer which in turn executes in the computer system
 6 that is serving said remote procedure calls, by performing the steps of:

7 receiving from the applet which executes in the same computer system that
 8 serves said procedure calls, a request for a document according to a document
 9 retrieval protocol implemented on a computer network;

10 determining that the request specifies a function which is defined within a
 11 computer process executing independently of the applet and applet viewer and
 12 which includes one or more selected computer instructions, execution of which
 13 performs a task which is unrelated to both generation and retrieval of any
 14 document specified in the request; and

15 executing the function in the same computer system that is executing said
 16 applet and applet viewer to thereby cause execution of the one or more selected
 17 computer instructions in response to receipt of the request.

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 19 **7. (original)** The computer readable medium of Claim 6 wherein
 20 the step of determining comprises:

21 determining that the request includes a document specification which is in a
 22 portion of a name space reserved for function requests.

1 **8. (previously presented)** The computer readable medium of Claim
2 6 where the computer instructions are further configured to cause the computer to
3 serve remote procedure calls by further performing the step of:

4 returning to the applet result data produced by execution of the function.

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6 **9. (original)** The computer readable medium of Claim 8 wherein
7 the step of returning comprises:

8 forming a document which includes the result data; and

9 sending the document to the applet.

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11 **10. (original)** The computer readable medium of Claim 6 wherein
12 the document retrieval protocol is HTTP.

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1 **11. (previously presented)** A computer system comprising:
 2 a processor;
 3 a memory operatively coupled to the processor; and
 4 a computer process which executes in the processor from the memory and
 5 which, when executed, serves remote procedure calls received from an applet
 6 which executes within an applet viewer which in turn executes in the processor
 7 from the memory concurrently and independently from the computer process,
 8 wherein the computer process serves the remote procedure calls by performing the
 9 steps of:

10 receiving from the applet which executes in the same computer system that
 11 serves remote procedure calls, a request for a document according to a document
 12 retrieval protocol implemented on a computer network;

13 determining that the request specifies a function which is defined within the
 14 computer process and which includes one or more computer instructions,
 15 execution of which performs a task which is unrelated to both generation and
 16 retrieval of any document specified in the request; and

17 executing the function in the same computer system that is executing said
 18 applet and applet viewer to thereby cause execution of the one or more computer
 19 instructions in response to receipt of the request.

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 21 **12. (original)** The computer system of Claim 11 wherein the step of
 22 determining comprises:

23 determining that the request includes a document specification which is in a
 24 portion of a name space reserved for function requests.
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1 **13. (previously presented)** The computer system of Claim 11 where
2 the computer process serves remote procedure calls by further performing the step
3 of:

4 returning to the applet result data produced by execution of the function.
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6 **14. (original)** The computer system of Claim 13 wherein the step of
7 returning comprises:

8 forming a document which includes the result data; and

9 sending the document to the applet.
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11 **15. (previously presented)** The computer system of Claim 11
12 wherein the document retrieval protocol is HTTP.
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14 **22. (previously presented)** The method of Claim 1, wherein the
15 function further comprises a Remote Procedure Call.
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17 **23-32. canceled**
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1 **33. (previously presented)** A method for serving remote procedure
2 calls from an applet that executes within an applet viewer which executes in a
3 computer system that serves the remote procedure calls, the method comprising:

4 receiving from the applet a request for a document according to a document
5 retrieval protocol implemented in the computer system; and

6 determining that the request for the document specifies a function which is
7 defined within a computer process executing independently of the applet and the
8 applet viewer and which includes computer executable instructions that, when
9 executed, perform a task which is unrelated to both generation and retrieval of any
10 document.

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12 **34. (previously presented)** A method as recited in claim 33, further
13 comprising executing the function in the computer system to perform the task
14 when receiving of the request for the document.

1 **35. (previously presented)** A computer system, comprising:
2 one or more processors;
3 a memory component operatively coupled to the processor;
4 a computer process configured to execute in the one or more processors
5 from the memory and serve remote procedure calls received from an applet that
6 executes within an applet viewer which executes in the processor from the
7 memory concurrently and independently from the computer process, wherein the
8 computer process is further configured to:

9 receive from the applet a request for a document according to a
10 document retrieval protocol implemented in the computer system;

11 determine that the request for the document specifies a function
12 which is defined within the computer process and which includes computer
13 executable instructions that, when executed, perform a task which is
14 unrelated to both generation and retrieval of any document.

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16 **36. (previously presented)** A computer system as recited in claim
17 35, wherein the computer process is further configured to execute the function in
18 the computer system to perform the task in an event that the request for the
19 document is received.
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